

DERWENT-ACC-NO: 2003-837803

DERWENT-WEEK: 200378

COPYRIGHT 2005 DERWENT INFORMATION LTD

TITLE: Information terminal components recycling system, e.g.  
for toner cartridge of printer, performs recycling of  
information terminal, based on erasure status of data  
recorded in tag attached to the terminal

PATENT-ASSIGNEE: MITSUBISHI MATERIALS CORP[MITV]

PRIORITY-DATA: 2002JP-0067922 (March 13, 2002)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 2003271461 A	September 26, 2003	N/A	013	G06F 012/14

9/03

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
JP2003271461A	N/A	2002JP-0067922	March 13, 2002

INT-CL (IPC): B09B005/00, B65G061/00 , G03G021/00 , G06F012/14 ,  
G06K017/00

ABSTRACTED-PUB-NO: JP2003271461A

BASIC-ABSTRACT:

NOVELTY - A data erasure processing base (5) extracts and erases data relevant to the user (4), from the memory of the radio frequency identification (RFID) tag (8) attached to the information terminal (7). A recycle processing base (6) reads the erasure status of the data in the tag and recycles the information terminal accordingly.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) information terminal recycling method; and
- (2) information terminal recycling service.

USE - For recycling of toner cartridge and printer, telephone, facsimile, refrigerator, microwave oven, floppy disk, magneto-optical disk, recordable compact disk (CD-R), recordable digital versatile disk (DVD-R), memory card, integrated circuit (IC) card.

ADVANTAGE - The user information leakage is prevented and the efficiency of

recycling is increased.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the data erasure processing system. (Drawing includes non-English language text).

information terminal disposal system 1

manufacture base 2

sales base 3

user 4

data erasure processing base 5

recycle processing base 6

information terminal 7

RFID tag 8

CHOSEN-DRAWING: Dwg.4/7

TITLE-TERMS: INFORMATION TERMINAL COMPONENT RECYCLE SYSTEM TONER  
CARTRIDGE

PRINT PERFORMANCE RECYCLE INFORMATION TERMINAL BASED ERASE  
STATUS

DATA RECORD TAG ATTACH TERMINAL

DERWENT-CLASS: P43 P84 Q35 S06 T01 X25

EPI-CODES: S06-A20; T01-H01C2; X25-W04;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N2003-669843